

THE University of Vermont CANCER CENTER

The eALERT is an internal newsletter sent semi-monthly.
Please send submissions for the eALERT to [Sarah Keblin](#) by 4 PM Wednesday for
submission in the current issue.

August 31, 2017

20th Annual Women's Health and Cancer Conference: [Register Today!](#)

NNE-CTR Call for Proposals

Sally Herschorn, MD to Present Community Medical School Sept. 5

Call for Posters! Women's Health and Cancer Conference

New Member Spotlight: Nathaniel Lester-Coll, MD

Cancer Research and Technology Seminar: Advances in Liquid Biopsy

Community Fundraisers at Dedalus Wine Shop and UVM Group Fitness

Publications and Announcements

Funding Opportunities--New LCCRO Pilot Projects Call for Applications!

Event Spotlight

20th Annual Women's Health and
Cancer Conference: Oct. 6

Registration is open



For more information, please contact [Jacqueline Lawler](#).

Events Calendar

September 2017

Childhood, Ovarian, Leukemia, Lymphoma, Gynecologic, Prostate and Thyroid Cancer awareness month

8 Cancer Research and Technology Seminar highlights updates on liquid biopsy: *"Making CTCs Clinically Relevant: A Next Generation CTC Enrichment System;"* 12-1 PM, HSRF 300; lunch provided.

9 UVM Athletics Rally Against Cancer: Men's Soccer; 7 PM vs. Yale; UVM Cancer Center member/staff contact [Sarah Keblin](#) for free tickets.



Conference co-chairs Elise Everett, MD and Kelly Gernander, RN, OCN

This year marks the 20th anniversary for the Women's Health and Cancer Conference (formerly Breast Cancer Conference). The event, hosted at the Sheraton, Burlington on Friday, October 6, 2017 is free and open to the public.

Providers are encouraged to refer patients to attend and to attend themselves. There are numerous continuing education offerings, across disciplines, throughout the day.

For more information, or to register, [click here](#).



NNE-CTR Call for Proposals



The newly formed Northern New England Clinical and Translational Research (NNE-CTR) Network has announced a call for pilot project proposals. One-year awards, up to \$50,000, will fall into two categories--for research and for translating and measuring findings in rural communities. The expectation of projects is that they have significant impact, through novel approaches, in improving health care for at-risk populations. Projects would include development of novel monitoring systems and/or interventions that could impact patient awareness or health needs. NNE-CTR is particularly interested in pilot studies in addiction medicine, cancer (lung, prostate, breast and others), and cardiovascular disease (including affected by obesity and diabetes). Research that addresses issues in rural communities is an important priority of the NNE-CTR.

For 2017-2018 there will be two cycles of pilot awards. Cycle 1 letters of intent are due on **September 15, 2017** with full applications due October 25th. Cycle 2 letters of intent will be due April 4th with full applications due May 16, 2018.

18 Molecular Mechanism of Malignancy Research Program Meeting, featuring a presentation by Dawei Li, PhD; HSRF 200, 3:30 PM.

October 2017

*Breast cancer awareness month
Liver cancer awareness month*

6 20th Annual Women's Health and Cancer Conference; [click here](#) to register, or to learn more.

8 UVM Athletics Rally Against Cancer Women's Soccer; 1 PM vs. Maine.

15 UVM Athletics Rally Against Cancer Field Hockey; 1 PM vs. New Hampshire; free admission.

November 2017

*Lung cancer awareness month
Pancreatic cancer awareness month*



*Think ahead! **Brovember** launches--Bros--grow your mo and help raise funds and awareness for the UVM Cancer Center!*

3 SAVE THE DATE: 3rd Annual Men's Health and Cancer Conference

To read the full call for proposals, [click here](#).

For more information: information@nne-ctr.net, or, contact [Jane Lian, PhD](#).

Sally Herschorn, MD to Present Community Medical School Sept. 5th



Sally Herschorn, MD

On Tuesday, September 5, 2017, UVM Cancer Center member Sally Herschorn, MD, Associate Professor of Radiology and Medical Director and Division Chief, Breast Imaging, will present a Community Medical School lecture to the public titled, "Breast Density: The New Law & What It Means for Breast Cancer Screening & Risk."

As of January 15, 2017 all Vermont patients are legally required to be informed of their breast density, but now that patients know their breast density, what should they do with this information? Learn how a woman's breast density category affects her risk of developing breast cancer and how radiologists can detect it on mammography. Find out what you can do to improve the odds of a cancer being detected early, when treatable. The pros and cons of additional screening methods will be discussed to help patients make better-informed choices.

Join the community for Dr. Herschorn's talk at 6 PM in Carpenter Auditorium of the UVM Larner College of Medicine.

[Click here](#) for more information.

Women's Health and Cancer Conference Call for Posters!

CALL FOR POSTERS!!

The UVM Cancer Center will host a scientific poster session for the public during the October 6, 2017 Women's Health and Cancer Conference, now in its 20th year! The conference's theme is "20 Years of Progress" and we hope to exemplify this progress by sharing with the public some

of the amazing cancer-related research happening right here in Vermont.

UVM Cancer Center members will have a first-chance to sign-up for a spot in the exhibition. Any research relevant to women's health and cancer may be displayed; existing posters (printed within the last two years) may be used. There is limited space for just 24 posters. Members can confirm participation by sending an [RSVP to Laura Gordon](#) by **Friday, September 15th**.

The exhibition invite will be extended to all UVM faculty and staff after September 15th.

IMPORTANT:

- Instructions (including size requirements) for posters can be found [here](#). Posters should adhere to size requirements (we will not be able to display posters wider than 60 inches).
- Posters with outdated logos will not be accepted
- Researchers, or their designee, should be on hand from 8-9 AM on October 6th to discuss their research with conference attendees and possibly media
- Posters should be delivered to [Laura Gordon](#) at the Cancer Center (HSRF 316) by Wednesday, October 4th
- We will reserve space on a first-come basis

Questions? Please contact [Laura Gordon](#)

New Member Spotlight: Nathaniel Lester-Coll, MD

Nathaniel Lester-Coll, MD, assistant professor of radiation oncology, joins the UVM Cancer Center as an associate member in the Cancer Control and Population Health Sciences research program. His research interests include cancer outcomes and health services research including using computer models and large national databases to determine relative cost and efficacy of emerging cancer technology and therapeutics.



Nathaniel
Lester-Coll, MD

Seminar: Advances in Liquid Biopsy

A Cancer Research and Technology Seminar, taking place on **September 8, 2017** at 12:00 PM, in HSRF 300, will feature visiting speaker, Steve Crouse, PhD, Chief Operating Officer of Vortex Biosciences. He will present "Making CTCs Clinically Relevant: A Next Generation CTC Enrichment System," and will be available for 15 to 25 minute meetings before and after the seminar. Please contact [Christine Norris](#) to schedule a convenient time.

Upcoming Community Fundraisers to Benefit the UVM Cancer Center

Olivia Johnson, community member and clinical research coordinator at the UVM Medical Center, has volunteered to organize two community fundraising events to benefit breast cancer research happening at the UVM Cancer Center:

DEDALUS WINE SHOP EVENT:

Wednesday, September 20th 5:30-10pm

Uncorked, hosted by Dedalus Wine Shop on Pine Street in Burlington: an outdoor wine and food pairing event featuring live band performance by Josh Panda and silent auction items. Tickets are \$45/person. All proceeds benefit the cause.

<https://dedaluswine.lpages.co/uncorked/>



UVM CAMPUS RECREATION BODY PUMP:

Saturday, September 30th 8am-12pm

Fourth Annual Pump for Pink Fundraiser benefitting the UVM Cancer Center's Breast Cancer Research hosted by UVM Campus Recreation in the UVM Athletic Complex Campus Rec studio: a fitness-based fundraiser including 3 Les Mills Body Pump classes 8-9am, 9:15-10:15am and 10:30-11:30am all first come first serve

This event is free to the public, UVM and UVMHC students and employees however, donations are optional but encouraged.

There will be raffle items and refreshments!

<https://www.facebook.com/events/863854137100610/?ti=icl>

Publications and Announcements

Please send announcements and publication notices to [Sarah Keblin](#) for inclusion in the eALERT and other promotional material

Publications:

[NEIL3 Repairs Telomere Damage during S Phase to Secure Chromosome Segregation at Mitosis.](#) Zhou J, Chan J, Lambelé M, Yusufzai T, **Stumpff J**, Opresko PL, **Thali M**, **Wallace SS**. Cell Rep. 2017 Aug 29;20(9):2044-2056. doi: 10.1016/j.celrep.2017.08.020. PMID: 28854357.

[Vaccine-draining lymph nodes of cancer patients for generating anti-cancer antibodies.](#) **Shukla GS**, Olson WC, **Pero SC**, **Sun YJ**, Carman CL, Slingluff CL Jr, **Krag DN**. J Transl Med. 2017 Aug 29;15(1):180. doi: 10.1186/s12967-017-1283-8. PMID: 28851380.

[Adjuvant Capecitabine for Breast Cancer.](#) Ruades Ninfea JI, Burdette-Radoux S, **Wood ME**. N Engl J Med. 2017 Aug 24;377(8):790-1. doi: 10.1056/NEJMc1708487. No abstract available. PMID: 28836422.

[Preparation of Decellularized Lung Matrices for Cell Culture and Protein Analysis.](#) Uhl FE, Wagner DE, **Weiss DJ**. Methods Mol Biol. 2017;1627:253-283. doi: 10.1007/978-1-4939-7113-8_18. PMID: 28836208.

[Characterization of Purine-Rich Element Binding Protein B as a Novel Biomarker in Acute Myelogenous Leukemia Prognostication.](#) **Kelm RJ Jr**, Lamba GS, Levis JE, **Holmes CE**. J Cell Biochem. 2017 Aug 23. doi: 10.1002/jcb.26369. [Epub ahead of print] PMID: 28834593.

[A semiparametric joint model for terminal trend of quality of life and survival in palliative care research.](#) Li Z, Frost HR, Tosteson TD, Zhao L, Liu L, Lyons K, Chen H, **Cole B**, Currow D, Bakitas M. Stat Med. 2017 Aug 17. doi: 10.1002/sim.7445. [Epub ahead of print] PMID: 28833347.

[Addiction Potential of Cigarettes With Reduced Nicotine Content in Populations With Psychiatric Disorders and Other Vulnerabilities to Tobacco Addiction.](#) **Higgins ST**, Heil SH, Sigmon SC, Tidey JW, Gaalema DE, Hughes JR, Stitzer ML, Durand H, Bunn JY, Priest JS, Arger CA, Miller

ME, Bergeria CL, Davis DR, Streck JM, Reed DD, Skelly JM, Tursi L. JAMA Psychiatry. 2017 Aug 23. doi: 10.1001/jamapsychiatry.2017.2355. [Epub ahead of print] PMID: 28832876.

[Failure to Inactivate Nuclear GSK3 \$\beta\$ by Ser³⁸⁹-Phosphorylation Leads to Focal Neuronal Death and Prolonged Fear Response.](#) Thornton TM, Hare B, Colié S, Pendlebury WW, Nebreda AR, Falls W, **Jaworski DM, Rincon M.** Neuropsychopharmacology. 2017 Aug 23. doi: 10.1038/npp.2017.187. [Epub ahead of print] PMID: 28832021.

[The Clinician-Educator Pathway in Radiology: An Analysis of Institutional Promotion Criteria.](#) Jhala K, Kim J, Chetlen A, **Nickerson JP**, Lewis PJ. J Am Coll Radiol. 2017 Aug 19. pii: S1546-1440(17)30836-0. doi: 10.1016/j.jacr.2017.07.008. [Epub ahead of print] PMID: 28830663.

[Combining quantitative and qualitative breast density measures to assess breast cancer risk.](#) Kerlikowske K, Ma L, Scott CG, Mahmoudzadeh AP, Jensen MR, **Sprague BL**, Henderson LM, Pankratz VS, Cummings SR, Miglioretti DL, Vachon CM, Shepherd JA. Breast Cancer Res. 2017 Aug 22;19(1):97. doi: 10.1186/s13058-017-0887-5. PMID: 28830497.

[Rural Versus Urban Use of Traditional and Emerging Tobacco Products in the United States, 2013-2014.](#) Roberts ME, Doogan NJ, Stanton CA, Quisenberry AJ, Villanti AC, Gaalema DE, Keith DR, Kurti AN, Lopez AA, Redner R, **Cepeda-Benito A, Higgins ST.** Am J Public Health. 2017 Aug 17:e1-e6. doi: 10.2105/AJPH.2017.303967. [Epub ahead of print] PMID: 28817323.

[CYP2C19*2 and CYP2C19*17 variants and effect of tamoxifen on breast cancer recurrence: Analysis of the International Tamoxifen Pharmacogenomics Consortium dataset.](#) Damkier P, Kjærsgaard A, Barker KA, Cronin-Fenton D, Crawford A, Hellberg Y, Janssen EAM, Langefeld C, **Ahern TP**, Lash TL. Sci Rep. 2017 Aug 10;7(1):7727. doi: 10.1038/s41598-017-08091-x. PMID: 28798474.

[Tobacco and nicotine delivery product use in a national sample of pregnant women.](#) Kurti AN, Redner R, Lopez AA, Keith DR, Villanti AC, Stanton CA, Gaalema DE, Bunn JY, Doogan NJ, **Cepeda-Benito A**, Roberts ME, Phillips J, **Higgins ST.** Prev Med. 2017 Aug 5. pii: S0091-7435(17)30277-3. doi: 10.1016/j.ypmed.2017.07.030. [Epub ahead of print] PMID: 28789981.

[Use of higher-nicotine/tar-yield \(regular full-flavor\) cigarettes is associated with nicotine dependence and smoking during pregnancy among U.S. women.](#) **Higgins ST**, Redner R, Arger CA, Kurti AN, Priest JS, Bunn JY. Prev Med. 2017 Aug 5. pii: S0091-7435(17)30276-1. doi: 10.1016/j.ypmed.2017.07.029. [Epub ahead of print] PMID: 28789980.

[Frequencies of micronucleated reticulocytes, a dosimeter of DNA double-strand breaks, in infants receiving computed tomography or cardiac catheterization.](#) Khattab M, Walker DM, **Albertini RJ**, **Nicklas JA**, Lundblad LKA, **Vacek PM**, **Walker VE**. Mutat Res. 2017 Aug; 820:8-18. doi: 10.1016/j.mrgentox.2017.05.006. Epub 2017 May 20. PMID: 28676266.

[The diagnostic challenge of low-grade ductal carcinoma in situ.](#) Onega T, **Weaver DL**, Frederick PD, Allison KH, Tosteson ANA, Carney PA, Geller BM, Longton GM, Nelson HD, Oster NV, Pepe MS, Elmore JG. Eur J Cancer. 2017 Jul; 80:39-47. doi: 10.1016/j.ejca.2017.04.013. Epub 2017 May 20. PMID: 28535496.

Funding Opportunities Highlights

Please go to the [UVM Cancer Center Extramural Funding Opportunities](#) list on the UVM Cancer Center website for a more complete listing.

[Internal Funding:](#)

Lake Champlain Cancer Research Organization (LCCRO) is accepting **Letters of Intent through noon on Monday, September 11, 2017** for 2018 Pilot Projects. Guidelines and application materials are now available from the [UVM Cancer Center Intramural Funding web portal](#). These one-year, \$70,000 awards support novel ideas in basic, clinical, epidemiological, behavioral, and psychosocial cancer-related investigations. Translational collaborations (for example, a clinician and a basic scientist) are strongly encouraged. Please consult program guidelines for particular areas of interest. Mandatory Letters of Intent are due by noon on Monday, **September 11, 2017**.

The newly formed **Northern New England Clinical and Translational Research (NNE-CTR) Network** announces a call for pilot project proposals for awards of up to \$50,000 for pilot studies in addiction medicine, cancer (lung, prostate, breast and others), and

cardiovascular disease (including affected by obesity and diabetes). Cycle 1 letters of intent are due **September 15, 2017** with full applications due October 25th. Cycle 2 letters of intent will be due April 4th with full applications due May 16, 2018. To read the full call for proposals, [click here](#). For more information: information@nne-ctr.net, or, contact [Jane Lian, PhD](#).

Extramural Funding:

- **Leukemia & Lymphoma Society** [Scholar](#) and [Scholar in Clinical Research](#) Career Development awards letters of intent are due **September 1, 2017**.
- [Wipe Out Kids' Cancer Research Grants](#) supporting the understanding, treatment, and cure of pediatric cancers applications are due **September 2, 2017**.
- [AACR- Stand Up To Cancer \(SU2C\) Dream Team Translational Research Grant](#) letters of intent are due **September 5, 2017**.
- **Neuroendocrine Tumor Research Foundation (NETRF/NET)** [Pilot Project Awards](#), [Accelerator Award](#), and [Peterson Investigator Award](#) letters of intent are due **September 5, 2017**.
- [Lymphoma Research Foundation \(LRF\)](#) Young Investigator and Disease Focus Area Grants applications are due by 5:00 pm EST **September 6, 2017**.
- **National Cancer Institute (NCI)/NIH/DHHS** [PA-16-175 Exploratory Grants in Cancer Epidemiology and Genomics Research \(R21\)](#) deadline is **September 7, 2017** with subsequent deadlines until May 9, 2019.
- [National Cancer Institute \(NCI\)](#) & [National Institute on Aging \(NIA\)](#) The Role of Mobile Genetic Elements in Cancer [PAR-16-226 \(R21\)](#) & [PAR-16-227 \(R01\)](#) upcoming deadline is **September 7, 2017** with subsequent deadlines until September 7, 2019.
- [Gillad Sciences Research Scholars Program in Hematology/Oncology](#) deadline is **September 8, 2017**.
- Mandatory pre-applications for **Department of Defense (DOD)-U.S. Army Medical Research and Materiel Command (USAMRMC)-Office of Congressionally Directed Medical Research Programs (CDMRP)**: [Lung Cancer Research \(LCRP\) - Career Development Award](#) are due **September 13, 2017**.
- **Sarcoma Alliance for Research Through Collaboration (SARC)** - [Demonstration Project](#)

[Request for Proposals](#) deadline is **September 15, 2017**

- **Dermatology Foundation** [Charles & Daneen Stiefel Scholar Award](#) applications are due **September 15, 2017**.
- **Hope Funds for Cancer Research** [Postdoctoral Fellowships](#) are due **September 15, 2017**.

Please send submissions for eALERT to [Sarah Keblin](#)